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|    |     |   |    |    |     |    |  |

Application/Control No.

Applicant(s)/Patent under Reexamination

09/681,622

WILL, PETER M.

Examiner

Art Unit

Ricky D. Shafer\_

2872

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| Cla      | im              | 9             |              |          | [        | Date   |  |          |              |  |   | Cla         | ıim       |                 |          |          | Date         | e  |  |                                     |          |          |
|----------|-----------------|---------------|--------------|----------|----------|--|--|----------|--------------|--|---|-------------|-----------|-----------------|----------|----------|--------------|--|--|-------------------------------------|----------|----------|
| Finat    | Original        | 902/02/8      |              |          |          |  |  |          |              |  |   | Final       | Original  |                 |          |          |              |  |  |                                     |          |          |
|          | 0               |               |              |          |          |  |  | $\vdash$ | $\vdash$     | $\vdash$   | ŀ |             | 51        | $\vdash$        |          | $\neg$   |              | $\vdash$   |  | М                                   |          | _        |
| <u> </u> | 2               | J             |              |          |          |  | -  | -        | -            |  | 1 |             | 52        | H               | T        |          |              |  |  |                                     |          | П        |
|          | 3               |               |              |          |          | _  |  | $\vdash$ |              | _  | 1 |             | 53        |                 |          |          |              |  |  | Н                                   |          |          |
|          | 4               | 2             |              |          |          |  |  | Г        | Т            | $\vdash$   | 1 |             | 54        | $\Box$          | $\neg$   |          |              |  | $\vdash$                               |                                     |          |          |
|          | 5               |               |              |          |          |  |  |          |              |  | 1 |             | 55        |                 |          |          |              |  |  |                                     |          |          |
|          | 6               | 7             |              |          |          |  |  |          |              |  |   |             | 56        |                 |          |          |              |  |  |                                     |          | $\Box$   |
|          | 7               | 7             |              |          |          |  |  |          |              |  |   |             | 57        |                 |          |          |              |  |  |                                     |          |          |
|          | 8               | 2             |              |          |          |  |  |          |              |  |   |             | 58        |                 |          |          |              |  |  |                                     |          |          |
|          | 9               | 7             |              |          |          |  |  |          |              |  |   |             | 59        |                 |          |          |              |  |  |                                     |          |          |
|          | 10              | 2             |              |          |          |  |  |          |              |  |   |             | 60        |                 |          |          |              |  |  |                                     |          |          |
|          | 11              | ~             |              |          |          |  |  | _        |              |  | ] |             | 61        |                 |          |          |              |  |  |                                     |          |          |
|          | 12              | 2             |              |          |          |  |  |          |              |  | ] |             | 62        |                 |          |          |              |  |  |                                     |          |          |
|          | 13              | 7             |              |          |          |  | L  |          |              |  | ] |             | 63        |                 |          |          | L            |  |  |                                     |          |          |
|          | 14              | N             |              |          |          |  |  |          | <u></u>      |  |   |             | 64        | Ш               | _        |          |              |  | L.                                     | _                                   |          |          |
|          | 15              | 2             |              |          |          |  |  |          |              |  | 1 |             | 65        |                 | _        |          |              | _  | L                                      |                                     |          | Ш        |
|          | 16              | 7             | _            |          | _        | <u> </u>   | <u> </u>   | _        |              | _  | 1 |             | 66        | Ш               | _        |          |              | _  | L                                      |                                     |          | Щ        |
|          | 17              | ٧             |              |          |          | _  | _  |          |              | _  |   |             | 67        |                 |          |          |              |  | _                                      |                                     |          | Ш        |
|          | 18              | N             |              | _        | L        | L.   | _  | _        | _            | _  |   |             | 68        | $\sqcup$        |          |          | _            | _  | <u> </u>                               |                                     |          | Ш        |
|          | (19)            | <b>~</b>      |              |          |          | _  | <u> </u>   |          | <u> </u>     | <u> </u>   | Į |             | 69        | $\sqcup$        | _        |          | <u> </u>     | _  | <u> </u>                               | <u> </u>                            | $\vdash$ | Н        |
|          | 20              | 7             |              |          | _        | _  | <u> </u>   |          | <u> </u>     | <u> </u>   | ł | <u> </u>    | 70        | $\vdash$        | _        |          |              | L  | ├-                                     | _                                   | _        | Н        |
|          | 21              | 7             | _            |          | _        | _  | <u> </u>   | ├        | <u> </u>     | <u> </u>   | ┨ | <u> </u>    | 71        | $\vdash \vdash$ | _        |          | <u> </u>     | ├  | ⊢                                      | -                                   |          | Н        |
|          | 22              | 7             |              |          | _        | -  | ⊢  | ⊢        | -            | ⊢  | ┨ | <u> </u>    | 72        |                 |          |          | _            | H  | ⊢                                      | $\vdash$                            |          | Ш        |
|          | 23<br>24        | ۲.            |              |          | H        | $\vdash$   | ⊢  |          | ⊢            | ⊢  | ┨ |             | 73<br>74  | -               | $\dashv$ |          | _            | ⊢  | ⊢                                      | H                                   |          | Н        |
| -        | 25              | 22            | _            | _        | -        | -  | -  | -        | -            | ⊢  | ł | -           | 75        | $\vdash$        | _        |          | $\vdash$     | $\vdash$   | ⊢                                      | $\vdash$                            |          | Н        |
|          | 26              |               | _            |          | H        | <u> </u>   | ⊢  | -        | -            | -  | ł | <del></del> | 76        | $\vdash$        | $\dashv$ |          | -            | ├  | ╁                                      | $\vdash$                            | H        | $\vdash$ |
|          | 27              | <b>&gt;</b> 2 | -            |          | ⊢        | _  | ┢  | ╁        | ⊢            | ⊢  | 1 | <u> </u>    | 77        | Н               | $\dashv$ |          | ┝            | ⊢  | ⊢                                      | -                                   | -        | $\vdash$ |
|          | 28              | 2             | _            |          | $\vdash$ | _  | $\vdash$   |          | $\vdash$     | $\vdash$   | 1 |             | 78        | $\vdash$        |          |          | $\vdash$     | H  | H                                      |                                     | -        | $\vdash$ |
|          | 29              | V             |              | -        | -        | <del>                                     </del> | ├─   | _        | -            | $\vdash$   |   |             | 79        | Н               |          | _        | <del> </del> | ┢  | ╁                                      | ┢                                   | $\vdash$ | Н        |
|          | 29<br><b>30</b> | 7             |              | -        |          | -  | <del>                                     </del> | $\vdash$ | $\vdash$     | ┢  | 1 | <u> </u>    | 80        | Н               | _        | _        | $\vdash$     | $\vdash$   | -                                      | -                                   | $\vdash$ | Н        |
|          | 31              | J             | _            | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$   | ┢        | -            | <del>                                     </del> | 1 |             | 81        | $\vdash$        |          |          | -            | <del>                                     </del> | $\vdash$                               | ┢                                   | $\vdash$ | $\vdash$ |
|          | 32              | v             | $\vdash$     | $\vdash$ | ┢        |  |  |          | $\vdash$     |  | 1 |             | 82        |                 |          |          |              | Т  |  |                                     |          | H        |
|          | 33              | -             | <u> </u>     |          |          |  |  |          | t            |  | 1 |             | 83        | H               |          |          |              |  | T                                      |                                     |          |          |
|          | 34              | 1             |              |          |          |  |  |          |              |  |   |             | 84        | П               |          |          |              |  |  |                                     |          | П        |
|          | (5)             | _             |              |          |          |  |  |          | Π            | Π  | 1 |             | 85        | П               |          |          |              |  |  |                                     |          |          |
|          | 36              |               |              |          |          |  |  |          |              |  |   |             | 86        |                 |          |          |              |  |  |                                     |          |          |
|          | 37              |               |              |          |          |  |  |          |              |  |   |             | 87        |                 |          |          |              |  |  |                                     |          |          |
|          | 38              |               |              |          |          |  |  |          |              |  |   |             | 88        |                 |          |          |              |  |  |                                     |          |          |
|          | 39              |               |              |          |          |  |  |          |              |  | ] |             | 89        |                 |          |          |              |  |  |                                     |          |          |
|          | 40              |               |              |          |          |  |  |          |              |  | ] |             | 90        |                 |          |          |              |  | <u>L</u> .                             | <u> </u>                            | L        | Ц        |
|          | 41              |               | 匚            | _        | L        | _  | L  | L        | L            | $oxed{\Box}$                                     | 1 |             | 91        | Ш               |          |          |              |  | $oxed{oxed}$                           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш        |
| <u></u>  | 42              | _             |              | <u> </u> | _        |  | <u> </u>   | _        | $oxed{oxed}$ | <u> </u>   | 1 |             | 92        | Ш               |          | L        | L            | L  | 丄                                      | <u> </u>                            | <u> </u> | Ш        |
| <u> </u> | 43              |               | _            | L        | _        |  | L  | <u> </u> | $oxed{oxed}$ | <u>L</u> _                                       | 1 | <u> </u>    | 93        | Ш               |          |          | L.           | 丄  | _                                      | ـــــ                               | <u> </u> | Ш        |
| <u> </u> | 44              | _             | <u> </u>     |          |          |  | _  | <u> </u> | <u> </u>     | <u> </u>   | 1 |             | 94        | Ш               |          |          | <u> </u>     | ┡  | $\vdash$                               | ــــ                                | <u> </u> | Ш        |
| <u> </u> | 45              | <u> </u>      | _            | <u> </u> | <u> </u> | _  | _  | $\vdash$ | 1            | <u> </u>   | 1 | <u> </u>    | 95        | Ш               |          | _        | <u> </u>     | $\vdash$   | $\vdash$                               | <u> </u>                            | <u> </u> | Ш        |
| <u> </u> | 46              |               |              | _        | <u> </u> | <u> </u>   | <u> </u>   | $\vdash$ | ļ            | $\vdash$   | 4 | <u> </u>    | 96        | Н               |          | _        | <u> </u>     | $\vdash$   | -                                      | <u> </u>                            | <u> </u> | Ш        |
| <u> </u> | 47              |               | <u> </u>     | $\vdash$ | <u> </u> | ⊢  | <u> </u>   |          | ├-           | -  | 1 | <u> </u>    | 97        | Н               | _        | <u> </u> | <u> </u>     | -  | <b> </b>                               | <b>—</b>                            |          | Ш        |
| <u> </u> | 48              | $\vdash$      | $\vdash$     | $\vdash$ | <u> </u> | $\vdash$   | $\vdash$   | <b>├</b> | +-           | ⊢  | 1 | <u> </u>    | 98        | $\vdash$        |          | _        | <b>-</b>     | $\vdash$   | +-                                     | -                                   | <u> </u> | Н        |
| <u> </u> | 49              |               | <del> </del> | ├-       | ⊢        | ┢  | -  | ⊢        | $\vdash$     | ├-   | 1 |             | 99<br>100 | $\vdash$        |          | _        | ⊢            | ⊢  | ╀                                      | $\vdash$                            | ⊢        | $\vdash$ |
| Ц        | 50              | Ц_            | Ц_           | L_       | I        | L  | <u> </u>   |          |              | Ц.   | J | <u> </u>    | 100       | ш               |          | Щ.       | <u> </u>     | Ц.   | ــــــــــــــــــــــــــــــــــــــ | <u> </u>                            | <u> </u> | ш        |

| Cla          | aim                        | Date         |          |  |          |  |          |          |          |          |  |  |  |
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|              |                            |              |          |  |          |  |          | _        |          |          |  |  |  |
| Final        | Original                   |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 51                         | $\vdash$     | _        | Н  |          | $\neg$   |          | _        |          | _        |  |  |  |
|              | 51<br>52<br>53             |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 53                         |              |          |  |          |  |          |          |          |          |  |  |  |
| <u> </u>     | 54<br>55                   | Ш            |          | Ш  |          | _  |          |          |          |          |  |  |  |
|              | 55                         | Н            |          | Н  |          | Ш  |          | _        |          |          |  |  |  |
|              | 56                         | -            |          | $\vdash$                                     |          | Н  | -        | _        |          | -        |  |  |  |
|              | 57<br>58                   | Н            | _        |  |          |  | -        |          |          | $\dashv$ |  |  |  |
|              | 59                         |              |          | -  | _        | Н  |          |          |          | -        |  |  |  |
|              | 60                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 61                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 62                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 63                         |              |          |  | L        |  |          |          |          |          |  |  |  |
|              | 64                         |              |          |  |          |  | L.       |          |          |          |  |  |  |
|              | 65                         | _            | _        |  |          | $\vdash$   |          |          |          |          |  |  |  |
|              | 66<br>67                   |              | _        | -  |          | -  |          |          | _        |          |  |  |  |
| <u> </u>     | 68                         | -            |          | H  |          |  |          |          |          |          |  |  |  |
| ┢            | 68<br>69                   | -            |          | $\vdash$                                     | $\vdash$ | -  |          |          | $\vdash$ | Н        |  |  |  |
| <b></b>      | 70                         |              |          | Г  | П        |  |          |          | П        |          |  |  |  |
|              | 71                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 72                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 71<br>72<br>73<br>74<br>75 | <u> </u>     | _        | <u>.                                    </u> |          |  |          |          |          |          |  |  |  |
|              | 74                         | <u> </u>     | L        | _  |          |  | $\vdash$ |          |          | Ш        |  |  |  |
| _            | 76                         | H            | _        |  | -        | -  | H        |          |          | -        |  |  |  |
| <u> </u>     | 76<br>77                   | H            |          |  | $\vdash$ | H  | $\vdash$ |          | -        | $\vdash$ |  |  |  |
|              | l 78                       | -            |          |  |          |  |          |          | _        |          |  |  |  |
|              | 79<br>80                   |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 80                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 81                         |              |          |  |          |  |          |          | <u> </u> |          |  |  |  |
|              | 82<br>83                   | <u> </u>     | _        | ⊢  | -        |  | _        |          | <u> </u> | Н        |  |  |  |
| <u> </u>     | 84                         | -            | _        | ₩  | ├        | ⊢  | $\vdash$ | _        | ┢        | H        |  |  |  |
|              | 84<br>85                   |              | $\vdash$ | 1  | $\vdash$ | -  | -        | _        | -        |          |  |  |  |
|              | 86                         |              | H        |  |          |  |          | -        |          |          |  |  |  |
|              | 87                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 87<br>88                   |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 89                         |              |          | <u> </u>                                     |          |  |          |          |          |          |  |  |  |
| <u></u>      | 90                         | <u> </u>     | <u> </u> | -  | _        | -  | <u> </u> | ļ        | <u> </u> | <u> </u> |  |  |  |
| $\vdash$     | 91<br>92                   | $\vdash$     | $\vdash$ | ⊢  | H        | $\vdash$   | $\vdash$ | -        | -        | $\vdash$ |  |  |  |
| <del> </del> | 93                         | ┢            | ┝        | ╁  | -        | ┢╾   | ⊢        | ┝        | -        | -        |  |  |  |
|              | 94                         | +            | ┢        | $\vdash$                                     | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$ | H        | H        |  |  |  |
|              | 95                         | T            |          | 1  |          | Т  | $\vdash$ | $\vdash$ | $\vdash$ | T        |  |  |  |
|              | 96                         |              |          |  |          |  |          |          |          |          |  |  |  |
|              | 97                         |              |          | 匚  |          |  |          |          |          |          |  |  |  |
| <u> </u>     | 98                         | <del> </del> | L        | <b>—</b>                                     | <u> </u> | <u> </u>   | _        | _        | _        | <u> </u> |  |  |  |
|              | 99                         | -            | $\vdash$ | -  | <u> </u> | $\vdash$   | $\vdash$ | ⊢        | _        | _        |  |  |  |
| ı            | 1 1(31)                    |              |          | í  |          |  |          | ı        | 1        |          |  |  |  |

| Claim Date                                       |  |
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